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Integrity: Marketing Yourself for Success, ME Mar./Apr. 99, p24-26

Thompson, Matthew G.
see Crane, Travis G., ME Mar./Apr. 99, p37-42

Thompson, Paul J.
see Crane, Travis G., ME Mar./Apr. 99, p37-42

Tippett, Donald D.
Managing Computer-Aided Civil Engineering Design Services, with Paul LaHoud, P.E., ME Mar./Apr. 99, p63-71

Vasilakopoulou, Eleni
see deMonsabert, Sharon, ME Jan./Feb. 99, p54-61

Veal, Steven C., P.E.
Environmental Advisor. Storm-Water Management: How Much Longer Can Permanent Controls Be Avoided?, ME Sept./Oct. 99, p26-27

Walesh, Stuart G., P.E.
Editor's Letter. DAD is Out, POP Is In, ME Jan./Feb. 99, p3
Editor's Letter. Roles—Then Goals, ME Mar./Apr. 99, p3

Weingardt, Richard E., P.E.
see Lewis, Brian J., P.E., ME Jan./Feb. 99, p4-12

Weingardt, Richard G., P.E.
Leadership: The World is Run by Those Who Show Up, ME July/Aug. 97, p61-66
disc: Robert B. Johnson, ME Jan./Feb. 99, p90-92
clo: ME Jan./Feb. 99, p92

Williamson, Craig E.
see Dunston, Phillip S., ME Sept./Oct. 99, p56-60

Wong, Tommy S. W.
disc. (of Balancing Corporate and Personal Values, by Richard H. McCuen, ME Mar./Apr. 98, p40-44), ME Mar./Apr. 99, p94

Woodward, Hugh
see Laufer, Alexander, ME Mar./Apr. 99, p79-84

Wright, Bob
see Lewis, Brian J., P.E., ME Sept./Oct. 99, p4-24

Zipf, Peter J., P.E.
The Essential Project Management Manual, ME Mar./Apr. 99, p34-36